

IN THE CLAIMS

Amend the claims as follows:

1. (currently amended) A high purity source chemical container assembly, comprising; a high purity source chemical container having a main body with container walls, at least one inlet to the interior of the source chemical container, at least one outlet from the interior of the source chemical container, at least one source chemical solvent ampoule attached directly to the main body container wall of the source chemical container, at least one inlet to the interior of the source chemical solvent ampoule, at least one outlet from the interior of the source chemical solvent ampoule, at least one solvent capture ampoule attached directly to the main body container wall of the source chemical container sized to accommodate source chemical solvent from said source chemical solvent ampoule, and at least one orifice communicating with the interior of the solvent capture ampoule, such that the high purity source chemical container, the source chemical solvent ampoule and the solvent capture ampoule are combined together in to a single assembly suitable for shipping and replacing in one piece.

Claims 2-4. (Canceled).

5. (previously presented) A high purity source chemical container assembly, comprising; a high purity source chemical container, at least one inlet to the interior of the source chemical container, at least one outlet from the interior of the source chemical container, at least one source chemical solvent ampoule integral to said assembly, at least one inlet to the interior of the source chemical solvent ampoule, at least one outlet from the interior of the source chemical solvent ampoule, at least one solvent capture ampoule integral to said assembly sized to accommodate source chemical solvent from said source chemical solvent

ampoule, and at least one orifice communicating with the interior of the solvent capture ampoule, wherein said assembly has a chime ring bracket on an exterior of said high purity source chemical container.

6. (Original) The assembly of Claim 5 wherein said source chemical solvent ampoule is integral to said chime ring bracket.

7. (Original) The assembly of Claim 5 wherein said solvent capture ampoule is integral to said chime ring bracket.

8. (Original) The assembly of Claim 1 wherein said high purity source chemical container has a diptube connected to said outlet and extending to a point adjacent a bottom of said high purity source chemical container.

9. (Original) The assembly of Claim 1 wherein said high purity source chemical container has a level sensor communicating with an exterior of said container and extending to a point adjacent a bottom of said high purity source chemical container.

10. (Original) The assembly of Claim 9 wherein said level sensor is selected from the group consisting of a float level sensor, an ultrasonic level sensor, a capacitance level sensor, an optical level sensor and combinations thereof.

11. (Original) The assembly of Claim 1 wherein said inlet and said outlet of said high purity source chemical container each have a valve for controlling flow of pressurizing fluid or high purity source chemical, respectively.

12. (Original) The assembly of Claim 11 wherein said valve is selected from the group consisting of a pneumatic valve, a solenoid valve, a manual valve and combinations thereof.
13. (Original) The assembly of Claim 1 wherein said source chemical solvent ampoule has a diptube connected to said outlet of said source chemical solvent ampoule and extending to a point adjacent a bottom of said source chemical solvent ampoule.
14. (Original) The assembly of Claim 1 wherein said inlet to said high purity source chemical container is connected to a source of pressurizing inert gas.
15. (Original) The assembly of Claim 1 wherein said inlet to said source chemical solvent ampoule is connected to a source of pressurizing inert gas.
16. (Original) The assembly of Claim 1 wherein said source chemical solvent ampoule contains a solvent under pressure without connection to an external source of pressure.
17. (Original) The assembly of Claim 1 wherein said solvent capture ampoule has two orifices.
18. (Original) The assembly of Claim 17 wherein one of said orifices of said solvent capture ampoule is connected to one of a low pressure vent or source of vacuum.
19. (Original) The assembly of Claim 1 wherein the interior of said solvent capture ampoule is under vacuum without connection to a source of vacuum.
20. (canceled)

21. (canceled)

22. (currently amended) A high purity source chemical container assembly, comprising; a high purity source chemical container having a main body with container walls, at least one inlet to the interior of the source chemical container, at least one outlet from the interior of the source chemical container, at least one source chemical solvent ampoule attached directly to the main body container wall~~integral to said assembly~~, at least one inlet to the interior of the source chemical solvent ampoule, at least one outlet from the interior of the source chemical solvent ampoule, at least one solvent capture ampoule attached directly to the main body container wall~~integral to said assembly~~ sized to accommodate source chemical solvent from said source chemical solvent ampoule, and at least one orifice communicating with the interior of the solvent capture ampoule, ~~wherein said solvent capture ampoule contains~~ and a sorbent media contained in the solvent capture ampoule~~for said solvent~~, such that the high purity source chemical container, the source chemical solvent ampoule and the solvent capture ampoule are combined together in to a single assembly suitable for shipping and replacing in one piece.

23. (canceled)

24. (canceled)

25. (canceled)

26. (canceled)

27. (canceled)

28. (previously presented) A high purity source chemical container assembly, comprising; a high purity source chemical container, at least one inlet to the interior of the source chemical container, at least one outlet from the interior of the source chemical container, at least one source chemical solvent ampoule integral to said assembly, at least one inlet to the interior of the source chemical solvent ampoule, at least one outlet from the interior of the source chemical solvent ampoule, at least one solvent capture ampoule integral to said assembly sized to accommodate source chemical solvent from said source chemical solvent ampoule, and at least one orifice communicating with the interior of the solvent capture ampoule, wherein said high purity source chemical container has a baffle to define two chambers to contain two distinct high purity source chemicals wherein each chamber has at least one inlet to the interior of such chamber and at least one outlet from the interior of such chamber.

29. (Original) The assembly of Claim 28 wherein said high purity source chemical container chambers each have a level sensor communicating with an exterior of said chamber, respectively, and extending to a point adjacent a bottom of said chamber, respectively.

30. (canceled)

31. (canceled)

32. (canceled)

33. (currently amended) A high purity source chemical container assembly, comprising; a high purity source chemical container having a main body with container walls, an inlet to the interior of the source chemical container having an integral pneumatic valve for connection to a source of pressurizing inert gas, an outlet from the interior of the source chemical container having an integral pneumatic valve for connection to a manifold to deliver high purity source chemical to a downstream process using said chemical said outlet having a diptube extending to a point adjacent a bottom of said source chemical container, at least one source chemical solvent ampoule attached directly to the main body container wall of the source chemical container, an inlet to the interior of the source chemical solvent ampoule having an integral pneumatic valve for connection to a source of pressurizing inert gas, an outlet from the interior of the source chemical solvent ampoule having an integral pneumatic valve for connection to said manifold which delivers high purity source chemical to a downstream process, a solvent capture ampoule attached directly to the main body container wall of the source chemical container sized to accommodate source chemical solvent from said source chemical solvent ampoule, and an orifice communicating with the interior of the solvent capture ampoule to receive source chemical solvent from said source chemical solvent ampoule through said manifold, such that the high purity source chemical container, the source chemical solvent ampoule and the solvent capture ampoule are combined together in to a single assembly suitable for shipping and replacing in one piece.

34. (canceled)

35. (canceled)

36. (canceled)

37. (Canceled).

38. (canceled)

39. (canceled)

40. (Original) The assembly of Claim 1 wherein said solvent capture ampoule has at least two orifices comprising at least one inlet for solvent entry and at least one outlet to facilitate venting, each orifice having a valve for closing said orifices wherein said valve is selected from the group consisting of pneumatic, manual, electrical, hydraulic, solenoid and combinations thereof, a dip tube that extends to near the bottom of the solvent capture ampoule and a level sense selected from the group consisting of floats, optical, capacitive, weight, thermal, or combinations thereof.

41. (canceled)

42. (currently amended) A high purity source chemical container assembly, comprising; a high purity source chemical container having a main body with container walls, an inlet to the interior of the source chemical container having an integral pneumatic valve for connection to a source of pressurizing inert gas, an outlet from the interior of the source chemical container having an integral pneumatic valve for connection to a manifold to deliver high purity source chemical to a downstream process using said chemical said outlet having a dip tube extending to a point adjacent a bottom of said source chemical container, at least one source chemical solvent ampoule attached directly to the main body container wall of the source chemical container, an outlet from the interior of the source chemical solvent ampoule having an integral pneumatic valve for connection to said manifold which delivers high purity source

chemical to a downstream process, a solvent capture ampoule attached directly to the main body container wall of the source chemical container sized to accommodate source chemical solvent from said source chemical solvent ampoule, having an orifice communicating with the interior of the solvent capture ampoule to receive source chemical solvent from said source chemical solvent ampoule via said manifold, such that the high purity source chemical container, the source chemical solvent ampoule and the solvent capture ampoule are combined together in to a single assembly suitable for shipping and replacing in one piece.

43. (currently amended) A process for cleaning a manifold which delivers high purity source chemical from a high purity source chemical container assembly to a point of use wherein a high purity source chemical container, having a main body with container walls, having an inlet to the interior of the source chemical container having an integral pneumatic valve for connection to a source of pressurizing inert gas and an outlet from the interior of the source chemical container having an integral pneumatic valve for connection to said manifold to deliver high purity source chemical to a point of use wherein said outlet has a diptube extending to a point adjacent a bottom of said source chemical container, wherein after delivery of the source chemical to said manifold, the manifold is cleaned by delivering a source chemical solvent from a source chemical solvent ampoule attached directly to the main body container wall of the source chemical container to said manifold by pressurizing said source chemical solvent ampoule through an inlet to the interior of the source chemical solvent ampoule having an integral pneumatic valve for connection to a source of pressurizing inert gas to deliver said source chemical solvent to an outlet from the interior of the source chemical solvent ampoule having an integral pneumatic valve for connection to said manifold and collecting said solvent and any source chemical carried by said solvent from said manifold in a solvent capture ampoule attached directly to the main body container wall of the source chemical container sized to accommodate source chemical solvent from

said source chemical solvent ampoule through an orifice communicating with the interior of the solvent capture ampoule to receive source chemical solvent from said source chemical solvent ampoule.

44. (Original) The process of Claim 43 wherein the opening and closing of valves and transfer of source chemical and source chemical solvent is controlled by an automated control unit communicating with such valves.